

1 / 2 0

SEQUENCE LISTING

<110> CHUGAI SEIYAKU KABUSHIKI KAISHA

<120> METHOD FOR STABILIZING PROTEINS

<130> C1-A0112P

<140>

<141>

<150> JP 2001-400895

<151> 2001-12-28

<160> 28

<170> PatentIn Ver. 2.1

<210> 1

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:an artificially
synthesized primer sequence

<400> 1

aattggaagc ttgc

14

<210> 2

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:an artificially
synthesized primer sequence

<400> 2

ccttcgaacg ttaa

14

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<211> 41

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:an artificially
synthesized primer sequence

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gagtctagaa tggattggtg ggaatgatcc tgcgaatatg c

41

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<211> 40

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:an artificially
synthesized primer sequence

<400> 4

gagaatttcg ggtcatacat actatgcata ttgcaggat

40

<210> 5

<211> 43

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:an artificially
synthesized primer sequence

<400> 5

gagtctagaa tggattggtg ggaatgatcc tgcgaataag cat

43

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<212> DNA

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<223> Description of Artificial Sequence:an artificially
synthesized primer sequence

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gagaatttcg ggtcatacat actatgctta ttgcaggat

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<211> 43

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:an artificially
synthesized primer sequence

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gagtctagaa tggattgggtg ggaatgatcc tgcgaattgg cat

43

<210> 8

<211> 40

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:an artificially
synthesized primer sequence

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gagaatttcg ggtcatacat actatgccaa ttcgcaggat

40

<210> 9

<211> 43

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:an artificially
synthesized primer sequence

<400> 9

gagtctagaa tggattggtg ggaatgatcc tgcgaatcag cat

43

<210> 10

<211> 40

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:an artificially
synthesized primer sequence

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gagaatttcg ggtcatacat actatgctga ttgcaggat

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<210> 11

<211> 43

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:an artificially
synthesized primer sequence

<400> 11

gagtctagaa tggattggtg ggaatgatcc tgcgaatgag cat

43

<210> 12

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<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:an artificially
synthesized primer sequence

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gagaatttcg ggtcatacat actatgctca ttcgcaggat

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<210> 13

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<212> DNA

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<223> Description of Artificial Sequence:an artificially
synthesized primer sequence

<400> 13

gagtctagaa tggattggtg ggaatgatcc tgcgaatttc cat

43

<210> 14

<211> 40

<212> DNA

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<223> Description of Artificial Sequence:an artificially
synthesized primer sequence

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gagaatttcg ggtcatacat actatggaaa ttgcaggat

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<210> 15

<211> 43

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<213> Artificial Sequence

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synthesized primer sequence

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gagtctagaa tggattggtg ggaatgatcc tgcgaatacc cat

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<210> 16

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<212> DNA

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gagaatttcg ggtcatacat actatgggta ttcgcaggat

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<210> 17

<211> 43

<212> DNA

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synthesized primer sequence

<400> 17

gagtctagaa tggattggtg ggaatgatcc tgcgaataac cat

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<210> 18

<211> 40

<212> DNA

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synthesized primer sequence

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gagaatttcg ggtcatacat actatggta ttgcaggat

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<210> 19

<211> 43

<212> DNA

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synthesized primer sequence

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gagtctagaa tggattggtg ggaatgatcc tgcgaatgac cat

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<210> 20

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<212> DNA

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gagaatttcg ggtcatacat actatggtca ttcgcaggat

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<210> 21

<211> 43

<212> DNA

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<223> Description of Artificial Sequence:an artificially
synthesized primer sequence

<400> 21

gagtctagaa tggattgggtg ggaatgatcc tgcgaatccc cat

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<210> 22

<211> 40

<212> DNA

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synthesized primer sequence

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gagaatttcg ggtcatacat actatgggga ttcgcaggat

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<210> 23

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<212> DNA

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<223> Description of Artificial Sequence:an artificially
synthesized primer sequence

<400> 23

gagtctagaa tggattggtg ggaatgatcc tgcgaattgc cat

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<210> 24

<211> 40

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:an artificially
synthesized primer sequence

<400> 24

gagaatttcg ggcatatacat actatggcaa ttgcaggat

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<210> 25

<211> 444

<212> PRT

<213> Homo sapiens

<400> 25

Gln Val Gln Leu Leu Glu Ser Gly Ala Val Leu Ala Arg Pro Gly Thr

14 / 20

Ser Val Lys Ile Ser Cys Lys Ala Ser Gly Phe Asn Ile Lys Asp Tyr

20

25

30

Tyr Met His Trp Val Lys Gln Arg Pro Gly Gln Gly Leu Glu Trp Ile

35

40

45

Gly Gly Asn Asp Pro Ala Asn Gly His Ser Met Tyr Asp Pro Lys Phe

50

55

60

Gln Gly Arg Val Thr Ile Thr Ala Asp Thr Ser Thr Ser Thr Val Phe

65

70

75

80

Met Glu Leu Ser Ser Leu Arg Ser Glu Asp Thr Ala Val Tyr Tyr Cys

85

90

95

Ala Arg Asp Ser Gly Tyr Ala Met Asp Tyr Trp Gly Gln Gly Thr Leu

100

105

110

Val Thr Val Ser Ser Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu

115

120

125

Ala Pro Cys Ser Arg Ser Thr Ser Glu Ser Thr Ala Ala Leu Gly Cys

130

135

140

Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser

1 5 / 2 0

145

150

155

160

Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro Ala Val Leu Gln Ser

165

170

175

Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser

180

185

190

Leu Gly Thr Lys Thr Tyr Thr Cys Asn Val Asp His Lys Pro Ser Asn

195

200

205

Thr Lys Val Asp Lys Arg Val Glu Ser Lys Tyr Gly Pro Pro Cys Pro

210

215

220

Pro Cys Pro Ala Pro Glu Phe Leu Gly Gly Pro Ser Val Phe Leu Phe

225

230

235

240

Pro Pro Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val

245

250

255

Thr Cys Val Val Val Asp Val Ser Gln Glu Asp Pro Glu Val Gln Phe

260

265

270

Asn Trp Tyr Val Asp Gly Val Glu Val His Asn Ala Lys Thr Lys Pro

275

280

285

1 6 / 2 0

Arg Glu Glu Gln Phe Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr

290

295

300

Val Leu His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val

305

310

315

320

Ser Asn Lys Gly Leu Pro Ser Ser Ile Glu Lys Thr Ile Ser Lys Ala

325

330

335

Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Gln

340

345

350

Glu Glu Met Thr Lys Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly

355

360

365

Phe Tyr Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro

370

375

380

Glu Asn Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser

385

390

395

400

Phe Phe Leu Tyr Ser Arg Leu Thr Val Asp Lys Ser Arg Trp Gln Glu

405

410

415

Gly Asn Val Phe Ser Cys Ser Val Met His Glu Ala Leu His Asn His

420

425

430

Tyr Thr Gln Lys Ser Leu Ser Leu Ser Leu Gly Lys

435

440

<210> 26

<211> 214

<212> PRT

<213> Homo sapiens

<400> 26

Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly

1

5

10

15

Asp Arg Val Thr Ile Thr Cys Lys Ala Ser Gln Asp Ile Lys Ser Phe

20

25

30

Leu Ser Trp Tyr Gln Gln Lys Pro Glu Lys Ala Pro Lys Ser Leu Ile

35

40

45

Tyr Tyr Ala Thr Ser Leu Ala Asp Gly Val Pro Ser Arg Phe Ser Gly

50

55

60

Ser Gly Ser Gly Thr Asp Tyr Thr Leu Thr Ile Ser Ser Leu Gln Pro

65

70

75

80

18 / 20

Glu Asp Phe Ala Thr Tyr Tyr Cys Leu Gln His Gly Glu Ser Pro Tyr

85

90

95

Thr Phe Gly Gly Gly Thr Lys Val Glu Ile Lys Arg Thr Val Ala Ala

100

105

110

Pro Ser Val Phe Ile Phe Pro Pro Ser Asp Glu Gln Leu Lys Ser Gly

115

120

125

Thr Ala Ser Val Val Cys Leu Leu Asn Asn Phe Tyr Pro Arg Glu Ala

130

135

140

Lys Val Gln Trp Lys Val Asp Asn Ala Leu Gln Ser Gly Asn Ser Gln

145

150

155

160

Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser Thr Tyr Ser Leu Ser

165

170

175

Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu Lys His Lys Val Tyr

180

185

190

Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser Pro Val Thr Lys Ser

195

200

205

Phe Asn Arg Gly Glu Cys

210

<210> 27

<211> 37

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:an artificially
synthesized sequence

<400> 27

gagtctagaa tggattggtg ggaatgatcc tgcgaat

37

<210> 28

<211> 39

<212> DNA

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<223> Description of Artificial Sequence:an artificially
synthesized sequence

<220>

<221> misc_feature

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<222> (1)..(2)

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<400> 28

nnattcgcag gatcattccc accaatccat tctagactc

39